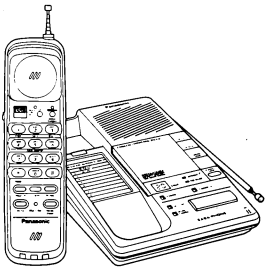
Operating Instructions



- This cordlessphone is designed for use in the United States of America. Sale or use of this product in some other countries may violate local laws.
- Ce téléphone sans fil est conçu pour être utilisé aux Etats-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction a la legislation locate.
- Este teléfono sin cordón fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos paises puede constituir violación de la legislación local.
- このコードレス電話機は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

Panasonic

AUTO-LOGIC™

Model No. **KX-T4200**

EASA-PHONE®

Cordless Telephone Answering System

Contents

CONNECTION ii

INITIAL PREPARATION iii

- Initial Setting for Cordlessphone
- Initial Setting for Answering Machine
- Selecting the Security Code Number
- Programming the Dialing Mode
- Charging the Portable Unit

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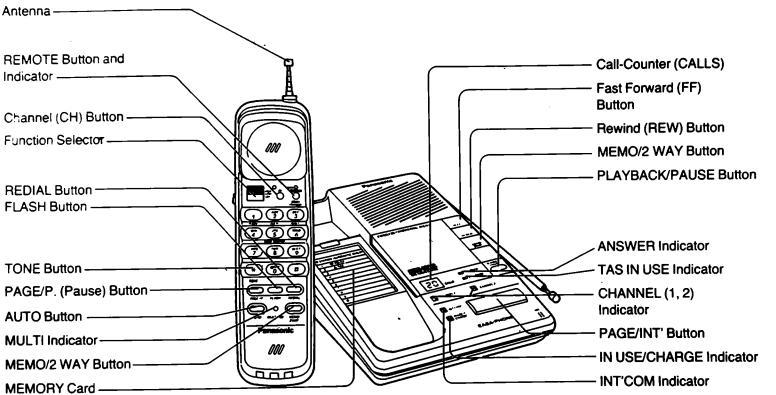
General Information 25

Charge the battery for about 10 hours before initial use.

Please read important safety instructions on page 37 and all pages before use.

Thank you for your purchasing the Panasonic Cordless Telephone Answering System.

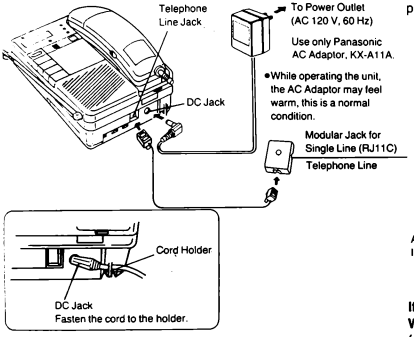


- The instructions for storing phone numbers into memory is printed.

La tarjeta de referencia rápida en español puede encontrarse en las páginas 26 ~ 29.
(Spanish quick reference card can be found on pages 26~29.)

CONNECTION

Connect as shown.

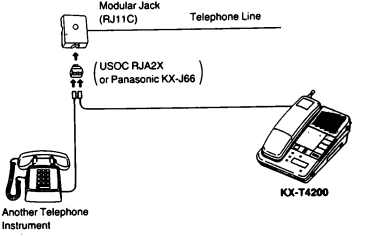

Telephone Line Jack
To Power Outlet (AC 120 V, 60 Hz)
Use only Panasonic AC Adaptor, KX-A11A.
•While operating the unit, the AC Adaptor may feel warm, this is a normal condition.
DC Jack
Modular Jack for Single Line (RJ11C)
Telephone Line
Cord Holder
DC Jack
Fasten the cord to the holder.

Be sure to use the AC Adaptor.

ACCESSORIES

Telephone line cord	one
AC Adaptor (KX-A11A)	one
Wall-mounting Adaptor	one
Microcassette Tape	one

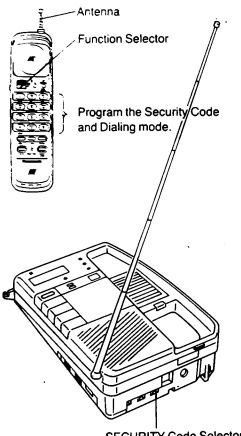
To connect another telephone instrument in parallel, please purchase KX-J66 or USOC RJA2X.



If a power failure takes place, this unit will not function. We recommend that you connect a reserve telephone (standard telephone) to this unit in the event of a power failure.

NOTE:
This unit must not be connected to a coin operated line. If you are on a party line, check with your local telephone company.

Initial Setting for Cordlessphone

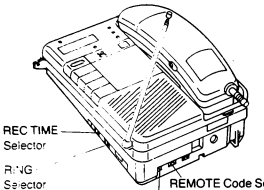


Charge the battery about 10 hours before initial use.
(See page vi.)

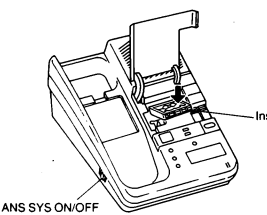
Item	Selectable	Description
SECURITY Code Number	□1, □2, □3	See page v.
Dialing Mode programing	□ TONE, □ PULSE	Set to TONE. See page vi.
Function Selector	OFF, TALK or STBY	Set to STBY. •When you do not want the telephone ring, set to OFF. •If you do not use the unit for a long time, set to OFF.
Antenna	Extend the antenna fully for the best performance. •The possible calling distance may vary depending on length of the antenna extended.	

NOTE:
Clean the Battery Charge Contacts with a soft cloth about once a month, otherwise, the Portable Unit may not be fully charged.

Initial Setting for Answering Machine



Item	Selectable	Description
REMOTE Code Selector	1st digit..... ( ) 2nd digit..... ☐ 6, ☐ 8, ☐ 9	See page 11.
CPC Switch	☐ A, ☐ B	Set to A. (no-call waiting service line) •If you have call waiting service or some Incoming Messages are interrupted, set to B.
REC TIME Selector	☐ VOX, ☐ 1 MIN	See page 11.
RING Selector	☐ 2, ☐ 4, ☐ AUTO	See page 11.
ANS SYS ON/OFF Switch	ON or OFF	Set to ON. •The Call-Counter will light.
Cassette Tape	Insert the tape and rewind it to reset.	
OGM Recording	See page 12.	



The display will show "E" when the OGM is not recorded on the chip. Record your OGM by following the procedure on page 12.

Selecting the Security Code Number

The unit is equipped with 3- user selectable codes. This security code helps to avoid unauthorized use of your telephone line by another cordless phone in your area.

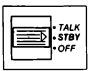
Base Unit

1.

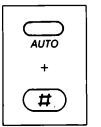
Set the Security Code selector to **"1"**, **"2"** or **"3"** as you wish.

NOTE:
Placing the portable unit on the cradle prohibits another portable unit with the same code from activating the base unit. (Automatic Dial Lock)

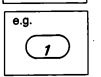
Portable Unit

1. 

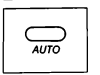
Set the Function selector to **"STBY"**.

2. 

Push **AUTO** and **"#"** simultaneously for Security Code setting.
- The MULTI indicator will light.

3. 

Enter your Security Code number. (Same Code number on the Base Unit)

4. 

Push **AUTO**.
- The MULTI indicator will go out.

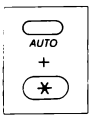
Programming the Dialing Mode

The unit has pulse-or-tone dialing capability.
Dialing mode is usually set to "TONE".
If dialing cannot be done, set the mode to "PULSE".

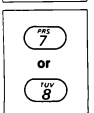
To Change the Mode

1.

Be sure that the Function selector is set to "**STBY**".

2. 

Push **AUTO** and "*" simultaneously for dialing mode setting.
- The MULTI indicator lights.

3. 

Push "**7**" or "**8**".
- Push "7" for "PULSE" mode.
- Push "8" for "TONE" mode.

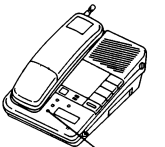
4.

Push **AUTO**.
- The MULTI indicator will go out.

Charging the Portable Unit

When the battery comes to weak, the MULTI indicator flashes.

1. Place the handset on the cradle.
   - The portable unit is constantly being charged while on the cradle.



IN USE/CHARGE indicator lights red.

NOTES:
- Even when the Multi Indicator flashes, the portable unit will still function for a short period of time.
- Recharging is required after a long interval, as the unit will consume some battery power gradually when not being on the cradle while in the "STBY". If you will not use the unit for a long period of time, set to"OFF".
- Clean the Battery Charge Contacts with a soft cloth about once a month, otherwise, the Portable Unit may not be fully charged.

Operation for Cordlessphone

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- Receiving
- Automatic Dialing

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- Switching from Pulse Mode to Tone Mode (Tone Button Usage)
- Combination Dialing
- Call Waiting
- Receiving an Incoming Call while Having an Intercom Call
- Selecting the clearer channel

DIALING AND RECEIVING

Manual Dialing

1.

Set the Function selector to **"TALK"**.
- The TALK (of the Portable Unit) and IN USE (of the Base Unit) indicators will light.

2.
Dial the phone No. and start speaking.

3.

When finished with your conversation, return to **"STBY"**.
- The TALK and IN USE indicators will go out.

Receiving

Be sure that the Function selector is set to **"STBY"**.

• When set to "OFF", the phone will not ring.

1.

When the phone rings, set to **"TALK"** and start speaking.
- The TALK and IN USE indicators will light.

2.

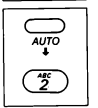
When finished with your conversation, return to **"STBY"**.
- The TALK and IN USE indicators will go out.

Automatic Dialing

Before using the automatic dialing feature, store the phone numbers into memory. (Refer to the next page.)

1.

Set to **"TALK"**.
- The TALK and IN USE indicators will light.

2. 

Push **AUTO**, then push **the Station NO.** (1 through 0) in which the phone No. you want to call is stored. (If the Station No. is "2".)

3.

When finished with your conversation, return to **"STBY"**.
- The TALK and IN USE indicators will go out.

NOTES:
- If you misdial, push the FLASH button firmly and dial again.
- If the line is busy, push the REDIAL button. Pressing the REDIAL button enables you to redial once.

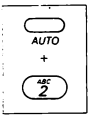
STORING THE PHONE NUMBERS FOR AUTOMATIC DIALING

Each dialing button (1 through 0) serves as a memory station.
10 telephone numbers, up to 16 digits each, can be stored in the memory station.

Storing the Phone Numbers

1.

Set to **"STBY"**.

2. 

Push **AUTO** and **the Station No.** simultaneously.
(e.g. If the Station No. is "2".)
- The MULTI indicator will light.

3.
Enter the phone number that you want to save. (1 through 0, #, ✳, PAUSE and FLASH up to 16 digits.)

4.

Push **AUTO**.
- The MULTI indicator will go out.
- To store phone numbers in succession, repeat from step 2 to 4.

■ To change a stored number, repeat storing procedure.

Behind a PBX

If your extension is placed behind a PBX system, enter the Line Access No. to gain access to an outside line.

After setting the Function selector to "STBY", push the buttons as follows:

AUTO and Station No. (1 through 0) — 9 — Line access

PAUSE — Phone No. — AUTO

- For information on the PAUSE button, refer to page 7.

NOTE:
Even while storing, you may receive a call by simply setting to **"TALK"**. Programming is then canceled and reprogramming the station must be done.

Correcting an Error while Storing

If you notice an error before pushing the AUTO button.

1.

Set to **"OFF"**.
- The MULTI indicator will go out.
- The new entry will be cleared and previous stored number will remain untouched.

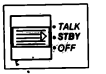
2. Repeat the storing procedure to re-program the correct number.

Confirming a Stored Number

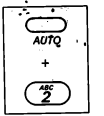
1. Repeat storing the same number into the same station.
2. When the AUTO button is pushed, the MULTI indicator will flash and a beep will be heard.
   - **twice:**
     The entry is the same as what was previously stored.
   - **once:**
     The entry is different from the one that was previously stored. Repeat the procedure of storing.

Erasing a Stored Number

Example: To erase the number in memory station "2":

1. 

Set to **"STBY"**.

2. 

Push **AUTO** and **"2"** simultaneously. (Station No. to be erased.)
- The MULTI indicator will light.

3.

Push **AUTO**.
- The MULTI indicator will go out.

Memory Card
- You can also use the reverse side for writing. The instructions for storing numbers into memory station and automatic dialing are printed on this card.

INTERCOM

You may make intercom calls between the Portable Unit and the Base Unit (using the built-in MIC and speaker).

Paging cannot be done when the answering system is in use.

To Call from the Base Unit

Base Unit

1.

Push **PAGE/INT'**.
- The INT'COM indicator will flash and beep tone will be heard.

Portable Unit

2.

When the call signal rings, set to **"TALK"** and start speaking.

3.

When finished with your conversation, return to **"STBY"**.

■ If the Portable Unit user does not answer the call, push the PAGE/INT' button again to stop the paging.

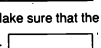
To Call from the Portable Unit

Portable Unit

Make sure that the Function selector is set to "STBY".

1.

Push **PAGE/P.**.
- The TALK indicator will flash and beep tone will be heard.

2. 

Set to **"TALK"** and talk to the Base Unit user.

3.

When finished with your conversation, return to **"STBY"**.

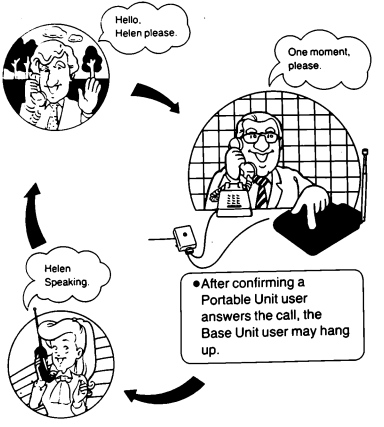
Base Unit

The call signal rings and the INT'COM indicator turns flashing to a steady light. Talk with the Portable Unit user through the built-in MIC of the Base Unit.

The Base Unit user will
telephone in parallel to

TRANSFERRING AN INCOMING CALL

The Base Unit user will be able to receive a call and transfer it to the Portable Unit. This is done by connecting another telephone in parallel to the Base Unit with the optional T-Adaptor KX-J66 or USOC RJA2X and doing as follows.


Hello.
Helen please.
One moment, please.
Helen
Speaking.
•After confirming a Portable Unit user answers the call, the Base Unit user may hang up.

Base Unit

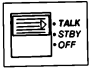
After answering the call with the telephone which is connected to the Base Unit.

1.

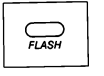
Push **PAGE/INT***.

- After confirming a Portable unit user answers the incoming call, the Base Unit user may hang up.
- For a 3 Way conversation, keep the handset off-hook.

Portable Unit

1. 

When the intercom call signal rings, set to **"TALK"**.
- You can talk with the Base Unit user.

2. 

Push **FLASH** to answer the incoming call.

3. When finished conversation, return to **"STBY"**.

AN OUTSIDE LINE OR A COMPUTER ACCESSED LINE

The PAUSE button function in the dial operation is helpful when accessing an outside line or a Computer-Accessed long distance service.
If you push the PAUSE button, you can dial the phone number without waiting for the line access or computer tone.

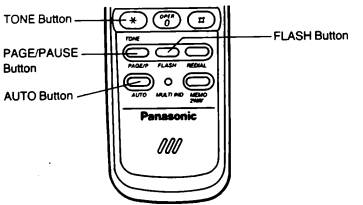
One pause is required when waiting for an outside dial tone.

Example (PBX):

9 — PAUSE — Phone No.

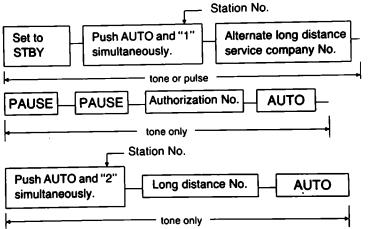
— Line access

- Some PBXs require this "PAUSE" during an automatic redial.



Two pauses are required when waiting for a computer access tone.

Example (For MCI, SPRINT, etc.):
Phone number into memory stations "1" and "2".



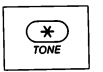
- 2 or 3 memory stations are required, as one memory cannot store over 16 digits.
- Pushing the PAUSE button once counts as 1 digit.
- Pushing the TONE button once counts as 1 digit.

OTHER FEATURES

Using the Pause Button

The PAUSE button function is needed for a line access or a computer tone.
Refer to "AN OUTSIDE LINE OR A COMPUTER ACCESSED LINE" on page 7.
One pause...3.5 seconds pause
Two pauses...7 seconds pause

Switching from Pulse Mode to Tone Mode (Tone Button Usage)



If you want to change from pulse mode into tone mode while dialing, the TONE button can be used.

When you set the Function selector to "STBY", the Dialing Mode will automatically return to pulse mode.

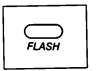
Combination Dialing

Any combination of dialing methods can be done.
- Automatic and Manual Dialing
- Pulse and Tone Dialing
- Plural Memory Stations

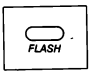
Call Waiting

The FLASH button can be used for Call Waiting.
For more details please see the brochure issued by your telephone company.

1.
While having a conversation, another party calls and a tone is heard.

2. 

Push **FLASH** quickly.
- The first conversation is placed on hold and the second call can be answered.

3. 

Push **FLASH** quickly again.
- The first caller can be spoken to again and the second call is placed on hold.
- If the calling party or called party on hold hangs up, their line is terminated.

NOTE:
You may access some features of your host PBX using the FLASH button quickly in a dial operation. "FLASH" can be stored into memory the same way as "STORING THE PHONE NUMBERS" on page 3.

Receiving an Incoming Call while Having an Intercom Call

If a incoming call is received while having a conversation with the Base Unit user, you can talk with the incoming caller.

1.

While having a conversation, another party calls and a tone is heard.

2.

Push **FLASH**.
- The intercom call will be terminated.
- You can talk with the incoming caller.

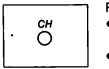
■ When you want to talk with the Base Unit user again, refer to "To Call from the Portable Unit" on page 5.

Selecting the clearer channel

A channel is a selected set of receiving and transmitting frequencies. You may select the clearer of the 2 available channels.

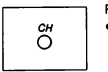
To Switch the Channel

If you hear interference noise while having a conversation;

1. 

Push **CH**.
- The operating channel will be switched to the other channel.
- The CHANNEL indicator of the Base Unit will light to show the channel selected.

■ After pushing the CHANNEL (CH) button, if the noise increased;

1. 

Push **CH** again.
- The unit will return to the original channel.

Operation for Answering Machine

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Selecting the Remote Code Number

Before remote operation, the Remote Code number must be set. The Code number is 2 digits. The first digit is factory preset (found on the rear side of the unit) and you can select the second digit "6", "8" or "9" for your Remote Code number.

Example: 58 (If the preset number is "5".)

1.

Set to "**8**".

Remote Code Protection

If the wrong Remote Code number is entered 3 times (6 digits), the unit will automatically hang up the line. Therefore, the unit prevents your ICM from being wiretapped.

Selecting the Number of Rings

Number of rings can be set to "2", "4" or "AUTO".

- **2:** The unit will answer a telephone call on the second ring.
- **4:** The unit will answer a telephone call on the fourth ring.
- **AUTO:** See "TOLL SAVER".

Selecting the Callers Recording Time

Caller's Recording Time can be set to "VOX" or "1 minute".

- **VOX:** The unit will record for as long as the caller speaks.
- **1 MIN:** The unit will record up to 1 minute.

TOLL SAVER

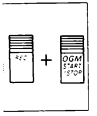
If you have set the number of rings to "AUTO"; And you call from a remote location and the unit does not pick up on the third ring, hang up. This means you do not have any messages and you will not be required to pay toll charges.

- **The unit picks up on the second ring:**
  At least one message has been recorded.
- **If it does not pick up on the third ring:**
  No messages have been recorded. The unit picks up on the fourth ring, so hang up.
- **After you have played back all the messages from a remote phone;**
  The unit picks up on the second ring in the next call:
  At least one new message has been recorded. The unit will tell you the number of the newly recorded messages. If no pick up occurs on the third ring, no messages have been recorded.

Recording an Outgoing Message (OGM)

The purpose of the Outgoing Message (OGM) is to inform the calling party that you cannot answer the call, but you want to record the caller's message.

The OGM is recorded on a voice-recordable Microchip (for answering) and on the Tape (for memory back-up).

1. 

Push **REC** and **OGM START/STOP** simultaneously until a beep is heard.
- The TAS IN USE indicator will flash.
- The Call-Counter will show the recording time.

2.

Speak clearly and loudly into the MIC.
- Speak about 8 inches away from the MIC.

Recording time is 16 seconds.

3.

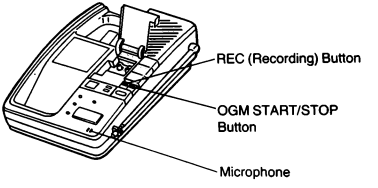
When finished, push **OGM START/STOP**.
- The OGM has been recorded on the Microchip.
- The OGM will be played back automatically.

4.

Adjust the volume control. (Right side of your unit)
- After reviewing the OGM, the unit will rewind the tape to the beginning **to record the OGM onto the tape** in the event of a power failure.

NOTE:
If you pause for over 2 seconds while recording, 6 beeps will be heard. If this happens, start with step 1 again.

The unit will automatically change to the Answer mode, 7 seconds after completing the OGM recording. At this time, the ANSWER indicator will light and the Call-Counter will show "0".



SAMPLES OF OGM

- Hello. this is Smith residence. We cannot come to the phone right now. Leave your name, phone number and message after you hear the beep, and we will return your call. Thanks for calling.
- This is Smith. Sorry I am unable to take your call. Please leave your message after the long beep tone. You have 1 minute to record.

OGM Playback

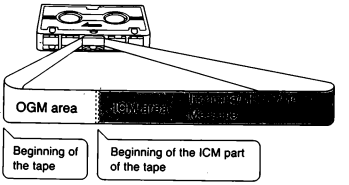
To play back the OGM on the Microchip

1.

Push **OGM START/STOP**.

Microcassette Tape

The followings will be recorded on the Microcassette tape.



(Do not pull out the tape.)

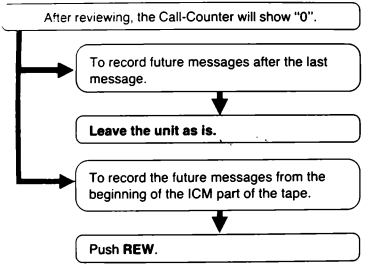
NOTE:
If a power failure takes place or the AC adaptor is disconnected, the OGM recorded on the Microchip will be erased. After the power is restored, the unit will automatically re-record the OGM onto the Microchip using the OGM recorded on the tape.

SETTING PRIOR TO LEAVING

The unit will automatically set to the Answer mode by simply pushing the ANS SYS (Answer System) ON/OFF switch. When the telephone rings, the unit will play back the OGM from the Microchip, then it will record the caller's message on the tape.

Preparation

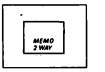
After reviewing the Outgoing or Incoming Message **the unit will automatically reset itself to the Answer mode and will be ready for the next call.**


After reviewing, the Call-Counter will show "0".
To record future messages after the last message.
Leave the unit as is.
To record the future messages from the beginning of the ICM part of the tape.
Push REW.

- **Before leaving home (or office) confirm that the ANSWER indicator lights, and the Call-Counter will shows "0".**
- If you do not want to set the unit to the Answer mode, set the ANS SYS ON/OFF switch to OFF.

Recording a Personal Message (Message Memo)

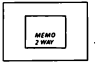
You may record **a message any time at home on the ICM part of the tape.** It will be heard by any one using the remote code operation.

1. 

Push **MEMO/2WAY** until a beep is heard.

2.

Speak into the MIC.

3. 

When finished, push **MEMO/2WAY** again.
- The ANSWER indicator will flash to show that your message was recorded, and the unit will be ready to answer the phone call.

- You can also record a personal message from the portable unit. See page 24.

LISTENING TO MESSAGES

When an Incoming Message (ICM) has been recorded, the Call-Counter will display the number of calls received and the ANSWER indicator will flash. In the case of a power interruption, the Call-Counter will show "--" after the power is restored, and the unit will continue to receive Incoming Messages.

Listening to the Messages

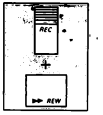
Push **PLAYBACK/PAUSE**.

■ **Auto-Logic (One Touch Operation)**
The tape will automatically rewind and begin to play back. At the end of all the messages the tape will stop and 3 beeps will be heard. 7 seconds after the 3 beeps are heard the unit will reset back to the Answer mode.

- **To record future messages after the last message, leave the unit as is.**
- **To record from the beginning of the ICM part of the tape, push the REW button.**

- To stop the tape temporarily, push the **PLAYBACK/PAUSE** button. (The TAS IN USE indicator will flash.) To restart, push it again.
- Push the **REW** button to rewind the tape.
- Push the **FF** button to fast forward the tape.

Erasing the Recorded Messages

1. 

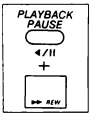
Push **REC**, while holding it, push **REW** until a beep is heard.

- The messages are erased while rewinding.
- The Outgoing Message recorded on the tape cannot be erased.

The cassette can be erased even if the record-prevention tabs have been removed.

Saving the Recorded Messages

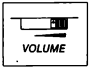
You can save the desired messages.

1. Playback the tape and push the PLAYBACK/PAUSE button at the end of the message you want to save.
2. 

Push **PLAYBACK/PAUSE** and **REW** simultaneously.
- The unit will go into the Answer mode and future Incoming Messages will be recorded after the messages you have saved.

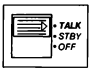
Monitoring the Incoming Calls

While an Incoming Message is being recorded, you can monitor it through the build-in speaker.

1. 

Adjust the volume control.

■ **You want to talk to the caller during recording of the ICM.**

1. 

Set to **"TALK"** and start speaking.
- The unit will automatically be ready to answer and record the next phone call.

■ You can also talk to the caller by using another telephone connected on the same line.

1.
Lift the handset of the telephone.
- The unit will stop recording and be ready to answer the next phone call.

RECORDING A CONVERSATION (2 WAY RECORDING)

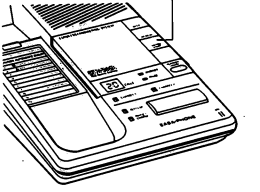
Many States have regulations on the manner in which 2 Way Telephone Conversations may be recorded. Consult your public utility agency.
The Portable and Base Unit are both equipped with the MEMO/2 WAY button.
Whichever button, you can use for 2 Way Recording, but **make sure that you should start and finish by pushing the same button.**

2 Way Recording

1. While having a conversation, push **MEMO/2WAY** until a beep sound is heard.
   - A beep will sound every 15 seconds.
2. When finished recording, push **MEMO/2WAY** again.

> **NOTE:**
> When you use the MEMO/2 WAY button of the Base Unit, confirm the ANS SYS ON/OFF switch is set to ON.

MEMO/2 WAY button of the Base Unit



MEMO/2 WAY button of the Portable Unit

HOW TO OPERATE FROM A REMOTE PHONE

You can retrieve the recorded Incoming Messages from a remote location with a tone telephone.
Before remote operation, the Remote Code number must be set. (See page 11.)

Setting/Canceling the Answer Mode

This function allows you to turn on or off the Answer mode from a remote phone.

To Set

1.
Call your unit.

2.
Wait for **15 rings**.
- OGM will be heard and you may hang up.
- The unit will be ready to answer the next phone call.

To Cancel

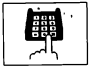
1.
Call your unit and push **the Remote Code No.** during OGM.

2.

Push "**0**" right after you hear the beep tone indicating the number of the recorded messages.
- The unit will not pick up any calls.

Message Playback

You can listen to the recorded messages **by simply pushing your own Remote Code number**.

1. 
Call your unit and push **the Remote Code No.** (2 digits) during OGM.
- A beep will sound followed by other beeps which tell you the number of recorded messages (up to 8 beeps).
- The unit will rewind the tape even at the tape end. After a series of short beeps, you will hear all the messages on the tape.
- 3 beeps will be heard after the last message.

2.
Hang up.
- Future Incoming Messages will be recorded after the last message.

Memory Playback

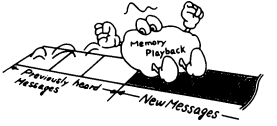
When you have already heard the messages from a remote phone, you can skip them and **listen to the newly recorded messages**.

Call your unit and push **the Remote Code No.** during OGM.

2. GHI 4

Push **"4"** right after you hear the beep tones indicating the number of the recorded messages.

- The unit will play back the new messages.
- Even during the playback of previously heard messages, you skip them by pushing "4".



While Hearing the Messages

To Back Space

1. 1

Push **"1"**.

- The tape will rewind for approximately 15 seconds corresponding to the playback time.

To Skip Forward

1. ABC 2

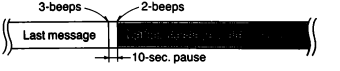
Push **"2"**.

- The tape will skip forward for approximately 15 seconds corresponding to the playback time.

Recording a Marker Message

After reviewing all the messages, you can leave your index message on the tape to be heard by anyone using the unit.

1. Start to talk right after the last 2 beeps.
2. When finished, hang up.



Resetting Tape (Remote Reset)

To record new messages from the beginning of the ICM part of the tape.

■ **After the recorded messages have been played back or while they are playing:**

1. DEF 3

Push "**3**".
- The unit will rewind to the beginning and reset itself (a beep will be heard).
- Previous messages will be erased as new messages are recorded.

■ **If you have used the Memory Playback:**

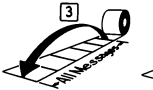
1. DEF 3

Push "**3**".
- The unit will rewind to the beginning of the newly recorded messages and a beep will be heard.

2. DEF 3

Push "**3**" again.
- A beep will be heard and future messages will be recorded from the beginning of the ICM part of the tape.

■ **To cancel (To record from the last message):**
Push "**2**" after the tape has been reset.



After all the messages have been played back.

After you have used the Memory Playback.

Skipping OGM for ICM Recording

If you or the caller does not want to hear the Outgoing Message, **the unit can be switched promptly to the Incoming Message mode.**

1. Call your unit.
2. Push "✳" during OGM.
3. **Speak** clearly and loudly after you hear the long beep to record your Incoming Message.

Changing the Outgoing Message

You can record a new Outgoing Message from a remote location.

1.
   Call your unit and push **the Remote Code No.** (2 digits) during OGM.

2.

   Push **"7"** right after you hear the beep tones indicating the number of the recorded messages.

3.
   Speak clearly and loudly for up to 16 seconds after you hear the long beep.

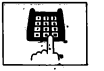
4.

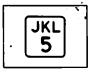
   When finished recording, push **"9"**.
   - The new Outgoing Message will be played back. So you can check or amend it.

NOTE:
If you pause for over 2 seconds while recording, 6 beeps will be heard. If this happens, start with step 2 again.

Room Monitoring

You can **screen any sound in the room** where the unit is installed for 30 seconds.

1. 
   Call your unit and push **the Remote Code No.** during OGM.

2. 

   Push **"5"** right after you hear the beep tones indicating the number of the recorded messages.
   - You can listen for 30 seconds.
   - To listen further, push "5" again within 10 seconds of hearing one beep.

Notes:
- In some areas, a remote tone phone may not function due to telephone line conditions such as line noise, echo, etc.
- The unit may not respond if a touch tone telephone produces tones that are too short to activate the unit.

HOW TO OPERATE FROM THE PORTABLE UNIT

You can operate your answering system with the Portable Unit.
The Base Unit will be controlled in the same way as you operate by a tone telephone.
- The unit cannot be activated with the Portable Unit while someone operates the answering system manually (ICM playing back, rewind, etc.) In this case, when you push the REMOTE (SCREEN/PLAYBACK) button, you will hear 3 alerting beeps.
- You can make a call at any time, even if the answering system is in use.

Before operation, make sure that the Function selector is set to "STBY".

Screening the Incoming Call

■ If the Incoming message is being recorded (while the REMOTE indicator is flashing), you can screen it.

Push **REMOTE** (SCREEN/PLAYBACK).
- The REMOTE indicator will light.

■ **When you want to talk to the caller during screening;**

Set to **"TALK"** and **start speaking.**
- The unit will stop recording and be ready to answer the next phone call.

Message Playback

You will hear all the recorded messages on the tape.
When an Incoming Message is recorded, the Portable Unit will ring (pi pi pi pi! pi pi pi pi!) to inform the Portable Unit user that the message is recorded.

1.

Push **REMOTE** (SCREEN/PLAYBACK).
- You will hear the beeps indicating the number of recorded messages.
- 3 beeps will be heard after the last message.

2.

Push **REMOTE** (SCREEN/PLAYBACK) to finish playing back.
- Future Incoming Messages will be recorded after the last message.

Memory Playback

You can skip the previously heard messages and listen to the newly recorded messages. Refer to "Memory Playback" on page 19.

1.

Push **REMOTE** (SCREEN/PLAYBACK).
- You will hear the beeps indicating the number of the recorded messages.

2.

Push **"4"**.
- The unit will playback the newly messages.
- Even during the playback of previously heard messages, you can skip them by pushing "4".

While Hearing the Messages

While reviewing the recorded messages, you can back space or skip forward the tape.
Refer to "While Hearing the Messages" on page 19.
- Push "1" for back space.
- Push "2" for skip forward.

Resetting Tape (Remote Reset)

To record the new message from the beginning of the ICM part of the tape.
Refer to "Resetting Tape (Remote Reset)" on page 20.

■ After the recorded messages are played back or while they are playing:

1.

Push **"3"** (RESET).
- The unit will rewind to the beginning and reset itself (a beep will be heard).

■ If you have used the Memory Playback:

1.

Push **"3"** (RESET).
- The unit will rewind to the beginning of the newly recorded messages and a beep will be heard.

2.

Push **"3"** (RESET) again.
- A beep will be heard and future messages will be recorded from the beginning of the ICM part of the tape.

Room Monitoring

You can screen any sound in the room where the unit is installed for 30 seconds. Refer to "Room Monitoring" on page 21.

Push **REMOTE** (SCREEN/PLAYBACK).
- You will hear the beeps indicating the number of recorded messages.

2.

Push "5" (ROOM MONITOR).
- You can listen for 30 seconds.
- To listen further, push "5" again within 10 seconds of hearing one beep.

Recording a Personal Message

You may record a message any time from the Portable Unit on the ICM part of the tape. Refer to "Recording a Personal Message (Message Memo)" on page 14.

1.

Push **MEMO/2 WAY**.

2.

Start speaking.

3.

When finished recording, push **MEMO/2 WAY** again.

General Information

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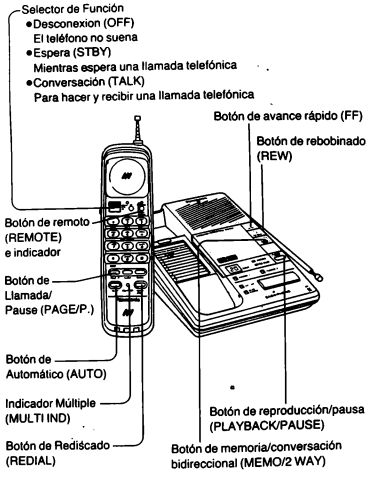
TARJETA DE REFERENCIA RÁPIDA


Selector de Función
•Desconexion (OFF)
El teléfono no suena
•Espera (STBY)
Mientras espera una llamada telefónica
•Conversación (TALK)
Para hacer y recibir una llamada telefónica
Botón de avance rápido (FF)
Botón de rebobinado (REW)
Botón de remoto (REMOTE) e indicador
Botón de Llamada/ Pause (PAGE/P.)
Botón de Automático (AUTO)
Indicador Múltiple (MULTI IND)
Botón de Rediscado (REDIAL)
Botón de reproducción/pausa (PLAYBACK/PAUSE)
Botón de memoria/conversación bidireccional (MEMO/2 WAY)

Programacion del Numero de Código

Programar el mismo código en la Unidad Base y en la Portátil.

La Unidad Básica

1. Colóquelo en **"3"**. (Por ejemplo: 3)

La Unidad Portátil

1. Colóquelo en **"Espera (STBY)"**.
2. Mantenga presionado el **"Automático (AUTO)"** y pulse el **"3"**.
3. Presion el **"3"**.
4. Presion el **"Automático (AUTO)"**.

Programacion de la Modalidad de Discado

La modalidad de discado, de ordinario, está puesta en "Tono (TONE)".
Si no puede marcar, póngalo en "Pulsion (PULSE)".

Sólo Operación de Unidad Base

1. Colóquelo en **"Espera (STBY)"**.
2. Mantenga presionado el **"Automático (AUTO)"** y pulse el **"3"**.
3. Presion el **"7"** o **"8"**.
   - •Pulsar "7" para modalidad "Pulsion (PULSE)".
   - •Pulsar "8" para modalidad "Tono (TONE)".
4. Presion el **"Automático (AUTO)"**.

Discado Manual y Recepción

Llamadas

1. Colóquelo en **"Conversación (TALK)"**.
2. Marque **el número telefónico**.
   - Cuando la linea esté ocupada, pulse el botón **REDIAL**.
3. Cuando termine, colóquelo en **"Espera (STBY)"**.

Recepción

Asegúrese de que el selector esté colocado en **"Espera (STBY)"**.

1. Cuando suene el teléfono, colóquelo en **"Conversación (TALK)"**.
2. Cuando termine, colóquelo en **"Espera (STBY)"**.

Antes de usar la unidad por primera vez, o si el indicador de poca potencia de la batería, se enciende o la unidad no funciona, cargue la unidad portátil durante unas 10 horas.

Discado Automatico

10 estaciones de memoria (del 1 al 0):
Hay 10 estaciones de memoria a las que se puede tener acceso marcando dos digitos.

Almacenamiento

1. Colóquelo en **"Espera (STBY)"**.
2. Mantenga presionado el **"Automático (AUTO)"** y pulse el número de estación.
   - Se encenderá el indicador Múltiple (MULTI).
3. Marcar el número telefónico (hasta 16 digitos).
4. Pulse en el **AUTO**.
   - Se apagará el indicador Múltiple (MULTI).

Llamada

1. Colóquelo en **"Conversación (TALK)"**.
2. Mantenga presionado el **"Automático (AUTO)"** y presione el número de estación.
3. Cuando termine, colóquelo en **"Espera (STBY)"**.

Para corregir un error durante el almacenamiento:
Si detecta un error antes de presionar el botón AUTO, colóquelo en "Desconexion (OFF)". Se borrará el dato recientemente introductido mientras que los datos anteriores permanencerán intactos.

GENERAL INFORMATION

Grabación del Mensaje de Salida

1. Presione el **REC**, y mientras mantenga presionado este botón, presione el **OGM START/STOP** hasta que se escuche la alarma.
2. Hable con voz clara y firme por el MIC.
3. Cuando acabe de hablar, presione el **OGM START/STOP**.
4. Reproduce el MS (OGM) automáticamente.
   - Después de revisar el MS (OGM), la unidad rebobinará la cinta hasta el comienzo para grabar el MS (OGM) en la cinta en caso de falla de corriente eléctrica.

■ La unidad cambiará automáticamente a la Modalidad de contestación después de 7 segundos de la reproducción de MS.

Ajuste Antes de Salir

Cuando el teléfono suene, la unidad reproducirá el MS, luego grabará el mensaje del demandante.

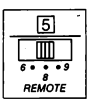
■ **Para detener la cinta temporalmente;**
Pulse **el PLAYBACK/PAUSE**.
- **La unidad rebobinará, luego parará desqués de los últimos mensajes.**
- 7 segundos después de oirse los 3 pitidos la unidad se repondrá de nuevo a la Modalidad de contestación.
- Para rebobinar la cinta, presione REW.
- Para hacer avanzar la cinta rápidamente, pulse FF.

Operacion de Control Remoto Desde otro Teléfono

Ud. puede reproducir los mensajes de llegada grabados desde un lugar distante con un teléfono de tono.

Para Seleccionar el Número de Código Remoto

Antes de la operación seleccione el número de código remoto. El código remoto tiene dos dígitos. El primero está pre-fijado (ubicado en la parte posterior de la unidad) y Ud. puede seleccionar "6", "8" o "9" para el número de código remoto.
Por ejemplo: 58 ("5" está pre-fijado)

1. 

Coloque el selector de función en **"8"**.

Protección del Código Remoto

Si durante seis veces los números de códigos marcados son equivocados, la unidad cortará la línea automáticamente. De esta manera la unidad evita que su ICM sea intervenido.

Control Remoto del Tono

1. Marque el número de teléfono con sólo un tono telefónico.
2. Cuando empiece el mensaje de salida, presione el número de código (2 dígitos) firmemente y sonará otro pitido.
   - Sonará un pitido para decirle el número de mensajes grabados.
   - El contestador rebobinará la cinta de los mensajes de salida y los reproducirá.
   - Después de haberse reproducido el último mensaje, sonarán 3 pitidos.
3. Cuelgue el microteléfono.
   - El mensaje siguiente se grabará después del último mensaje.
   - Para grabar el mensaje de llegada (ICM) desde el comienzo de la cinta, pulse el botón "3" y cuelgue el teléfono.

■ **Retroceso:**
Presione el botón "1" para rebobinar unos 15 segundos de la cinta y reproducirla.

■ **Avance por salto:**
Presione el botón "2" para hacer que la cinta avance unos 15 segundos y para reproducirla.

Control Remoto Desde una Unidad Portátil

Ud. puede operar el sistema de respuesta con la unidad portátil.
La unidad no puede ser activada con el Portátil mientras alguien esté operando el sistema de respuesta manualmente (por ejemplo: reproduciendo o rebobinando el ICM). Si este es el caso, escuchará 3 pitidos de alerta cuando presione el botón REMOTE (SCREEN/PLAYBACK).
Antes de la operación, cerciórese de que el selector de función esté colocado en "STBY".

■ **Para escuchar la llamada de llegada:**
Mientras se esté grabando el mensaje de llegada (cuando el indicador REMOTE (SCREEN/PLAYBACK) esté destellando) Ud. puede escucharlo presionando el botón REMOTE (SCREEN/PLAYBACK).
- Si desea hablar a la persona que está llamando mientras Ud. esté escuchando el mensaje: coloque el selector de función en "TALK" y empiece a hablar.

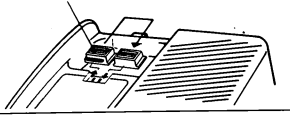
■ **Reproducción de mensajes:**
Para iniciar y terminar la reproducción de mensajes, presione REMOTE (SCREEN/PLAYBACK).

■ **Si desea grabar un mensaje personal:**
Ud. puede grabar en el ICM de la cinta en cualquier momento desde la unidad portátil.
1. Presione **REMOTE** (SCREEN/PLAYBACK).
2. Presione **MEMO/2 WAY**.
3. Empiece a hablar.
4. Cuando termine de grabar, presion MEMO/2 WAY de nuevo.

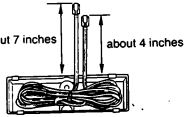
WALL MOUNTING

The unit can be mounted on a wall phone plate. If you do not have a modular wall phone plate installed, we recommend that you consult with your telephone company or installer to obtain one.

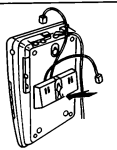
1. Turn over the handset guide.



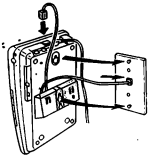
2. Insert the telephone line cord as shown.



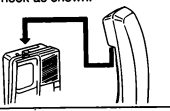
3.



4. Place the unit eyelets as shown.



5. To temporarily place the handset down during a conversation, hook as shown.



TROUBLESHOOTING GUIDE

Cordlessphone

Q	The unit does not work.
A	•Plug in the AC adaptor again. •The battery is in need of charging. •No telephone line connection is made. •The telephone line connection is made improperly. Refer to page ii. •The telescopic antennas are not fully extended. •The Security Code set into the Portable Unit and on the Base Unit are not set to the same number.

Q	Dial tone is not heard, or sound flutters or fades.
A	See the above-mentioned possible causes. •You are too far from the Base Unit. Move closer to the Base Unit. •Set the Function selector to "STBY" then set it to "TALK".

Q	The Portable Unit does not ring.
A	Make sure the Function selector is set to "STBY".

Q	I charged the battery for 10 hours, but the MULTI indicator flashes after a few telephone calls.
A	Clean the Battery Charge Contacts and charge once more. If the MULTI indicator flashes even after that, it is time to change the battery. Please replace with new one.

Q	I am encountering interference from another unit. •Other people in my area who have cordless-phones can hear my conversation, and I can also hear theirs.
A	Change to the other channel. (See page 9.)

Q	I cannot page the Portable Unit from the Base Unit.
A	Paging can be done while the unit is in the Answer mode or during the ANS SYS ON/OFF switch is set to OFF.

Q	•I cannot page the Base Unit from the Portable Unit. •When pushing the REMOTE button, 3 alerting beeps are heard and operation cannot be done.
A	Someone is operating the Answering System.

GENERAL INFORMATION

Answering Machine

Q	The unit has been set to the Answer mode, but no Incoming Messages are recorded.
A	• The tape is broken (cut, worn out or twisted) or not inserted. Replace the tape with a new one and re-record a new OGM. • The OGM is recorded improperly. Record a new OGM.

Q	6 beeps are heard.
A	You paused for over 2 seconds, during the OGM recording. OGM is not recorded on the Microchip. Record a new OGM.

Q	I push the button of a remote phone, but the unit does not respond.
A	Make sure that you are using your own Remote Code number.

Q	Some Incoming Messages have not been fully recorded.
A	Set the CPC switch to "B". (See page ii.)

Q	The display shows "E" and the unit does not answer the call.
A	This indicator "E" means that the OGM is not recorded. Record your OGM. (See page 12 to record the OGM.)

Q	When the tape is played back, the sound level is low, even if the Volume Control is turned up fully.
A	Clean the heads. See "MAINTENANCE" on page 34

Q	I set the ANS SYS ON/OFF switch to OFF, but the unit does not turn off.
A	The unit will not be off while recording or playing back the OGM on the tape.

Q	When operating the answering system, suddenly the system stops.
A	The Portable Unit user set the Function Selector to "TALK". This is a normal operation.

Q	I cannot operate the answering system by using the key of the Base Unit.
A	The Portable Unit user is operating the Portable Unit. After the IN USE indicator goes out, try it once more.

BATTERY REPLACEMENT

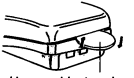
Replace the battery only for the following condition: The battery has been charged for 10 hours, but the MULTI indicator flashes after a few telephone calls.

- Replace it within 5 minutes, or the stored phone number will be lost and reprogramming will be required.

Removing the Battery

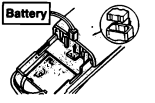
Be sure that the Function selector is set to "OFF".

1. Remove the battery compartment cover.



Use an object such as a coin.

2. Disconnect the battery.



Installing the Battery

1. Reverse the above procedure.
   Please use only Panasonic Battery KX-A36A.

ACCESSORY ORDER INFORMATION

- Replacement parts and accessories are available through your local authorized parts distributor.
- For the authorized distributors in your area, call toll free: 1-800-545-2672.
- Use only Panasonic Antenna KX-A82 to observe the FCC Rules.

Part No.	Description	Comment
RT-MC30 RT-MC60	Micro Cassette Tape	
KX-A36A	Rechargeable Battery	
KX-A82	Antenna for Portable Unit	
KX-J66	T-adaptor	Parallel connection for single line

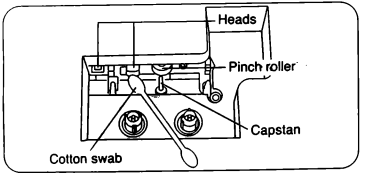
MAINTENANCE

Because the head and capstan assemblies are in contact with the tape, dirt and residue from the tape can easily adhere to these parts, causing distortion. These parts should be cleaned periodically in the manner described below.

- **Clean the head surfaces, pinch roller and capstan with a cotton swab.**
  If these surfaces are extremely dirty, dampen the cotton swab with alcohol.

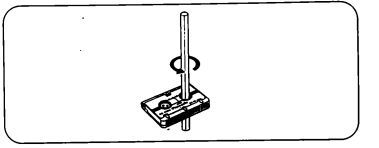
NOTES:

- Do not bring magnetic or metal objects, such as a screwdriver, near the head assemblies, as such objects could magnetize the heads.
- Do not oil any part of the unit.

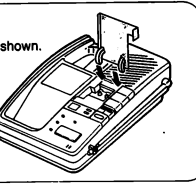


CASSETTE TAPE

- For optimum sound quality and performance, we recommend that you **use side two after six months and to replace the tape every year assuming that the unit answers about ten calls a day.**
- Never place a cassette tape near a magnetic source such as a magnet or a TV set, because it may erase the tape.
- Slack in the tape can be tightened by rotating the tape reel with an object like a pencil, as shown.



CASSETTE PANEL
If the panel comes off, replace it by pushing as shown.



IMPORTANT INFORMATION

- If there is any trouble, disconnect the unit from the telephone line and connect a known working phone. If the telephone operates properly, have it repaired by one of the specified Panasonic Factory Service Centers. If the known working telephone does not operate properly, consult your telephone company.
- Do not use benzine, thinner, or similar solvents. Do not use abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps, motors, television and radio, otherwise, the cordlessphone, personal computer and television or radio may interface with each other.
  These noise sources can interfere with the performance of the EASA-PHONE.
- The unit and the cassette tape should be kept free of dust, moisture, high temperature and vibration, and should not be exposed to direct sunlight.
- Never attempt to insert wires, pins, etc. into the vents or other holes of this unit.
- Locate the Base Unit in the highest area of the house to obtain the maximum range.
- The Channel No. indicates the frequency at which the unit operates.
- Do not cover the vents on the bottom of the cabinet.

For example: The possible calling distance will be shortened when the unit is used indoors or, for example, in the following places:

- Near an obstacle such as a building or hill, in a tunnel, or underground, etc.
- Near a metal object such as a wire netting fence, kitchen appliances, a high-powered speaker, or in a car, etc.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.

CAUTION:
To assure continued compliance with FCC rules, do not make any unauthorized modifications.

When programming emergency numbers and/or making test calls to emergency numbers:

1) Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2) Perform such activities in the off-peak hours, such as early morning hours or late evenings.

If requested by the Telephone Company, inform them as follows:

- FCC Registration No. ..... (found on the bottom of the unit)
- Ringer Equivalence ..... 0.2 B
- The particular telephone line to which the equipment is connected.

In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer, if possible, that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service providing that they:

(a) Promptly notify the customer.
(b) Give the customer an opportunity to correct the problem with their equipment.
(c) Inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation or its business and is not inconsistent with the rules and regulations in FCC Part 68.

If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

"This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications set forth in Subpart J of Part 15 of the FCC Rules. If this equipment does cause interference to radio or television reception which can be determined by turning the equipment on and off, use the equipment in another location and/or utilize an electrical outlet different from that use by the receiver."

Ringer Equivalence No. (REN):
The REN is useful in determining the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should contact your local telephone company to determine the maximum REN for your calling area.

IMPORTANT SAFETY INSTRUCTIONS

When using this unit, basic safety precautions as below should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from wall outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example, near a bath tub, wash bowl, kitchen sink, or the like.
5. Install this unit securely on a stable surface. Serious damage may result if the unit falls.
6. Do not cover slots and openings of the unit, for they are provided for ventilation and protection against overheating. Never place the unit near radiators, in/or a place where proper ventilation is not provided.
7. Use only the power source as marked on the unit. If you are not sure of the type of the power supply to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step on the cord.
9. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
10. Never push any objects into this unit through slots as they may result in risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
12. Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:
    A. When the power supply cord or plug is damaged or frayed.
    B. If liquid has been spilled into the unit.
    C. If the unit has been exposed to rain or water.
    D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions, for improper adjustment may require extensive work by a qualified technician.
    E. If the unit has been dropped or damaged.
    F. If the unit exhibits a distinct change in performance.
13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of electric shock from lightning.
14. Do not use this unit to report a gas leak in the vicinity of it.

SAVE THESE INSTRUCTIONS

CAUTION:

To reduce the risk of fire or injury to persons, read and follow these instructions.

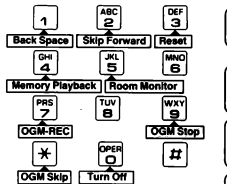
1. Use only the battery(ies) instructed.
2. Do not dispose of the battery(ies) in a fire. The cell may explode.
   Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.
5. Charge the battery(ies) provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.

INSTALLATION:

1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

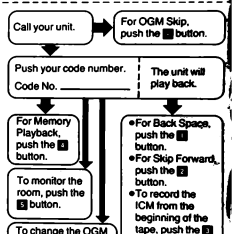
QUICK REFERENCE CARD

OPERATION FROM A TONE PHONE



■ To set to the Answer mode remotely
1. Dial the phone number.
2. Wait until 15 rings and hang up.

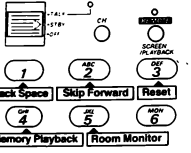
■ To turn off the unit remotely
1. Dial the phone number.
2. Push Code No. 6 and then hang up.


Call your unit.
For OGM Skip, push the # button.
Push your code number.
Code No. _____
The unit will play back.
For Memory Playback, push the 4 button.
To monitor the room, push the 5 button.
To change the OGM
1. Push the 7 button.
2. Say the new OGM after a long beep.
3. When finishing, push the # button.
•For Back Space, push the 1 button.
•For Skip Forward, push the 2 button.
•To record the ICM from the beginning of the tape, push the 3 button.
•To save the ICM, hang up after playback.
•To record a marker message, speak after hearing 2 beeps.

•When you push any button, push firmly.

QUICK REFERENCE CARD

OPERATION FROM THE PORTABLE UNIT



When a call is received, the REMOTE indicator will flash.

To screen the Incoming Message, push **REMOTE**.

To talk to the caller, set the Function selector to **"TALK"**.

Be sure that the Function Selector is set to **"STBY"**.

Push **REMOTE**. → The Base Unit will play back.

For Memory Playback, push the **4** button.

To monitor the room, push the **5** button.

- For Back Space, push the **1** button.
- For Skip Forward, push the **2** button.
- To record the ICM from the beginning of the tape, push the **3** button.

2 WAY RECORDING

1. While having a conversation, push **MEMO 2 WAY**.
2. When finished, push **MEMO 2 WAY**, then set to **"STBY"**.

RECEIVING A TRANSFERRED CALL

When the call signal rings, set to **"TALK"**.

- You can talk with the Base Unit user.
- To answer the transferred call, push the FLASH button.

If you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton.
Attach a postage-paid letter, detailing the complaint, to the outside of the carton.
DO NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.

Product Service

Panasonic Servicenters for this product are listed in the Servicenter Directory.
Consult your authorized Panasonic dealer for detailed instructions.

For your future reference

Serial No. _____ Date of Purchase _____
(found on the bottom of the unit)

Name of Dealer _____

Dealer's Address _____

Servicenter Directory

To locate an Authorized Servicenter in your area within the U.S.A.

DIAL TOLL FREE: 1-800-545-2672

24 Hours a Day, 7 Days a Week

Consumers requiring assistance with service matters should contact the appropriate Regional Administration Office:

NORTHEAST
2250 Cabot Blvd. West
Langhorne, PA 19047
215-741-0676

Covers:
CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT, VA, DC, WV, Eastern OH

MIDWEST
425 East Algonquin Road
Arlington Heights, IL 60005
708-981-4842

Covers:
IL, IN, IA, KS, KY, MI, MN, MO, NE, ND, SD, WI, Western OH

WESTERN
6550 Katella Avenue
Cypress, CA 90630
714-373-7440

Covers:
AK, AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY, NC, HI

SOUTHERN
1854 Shackleford Court,
Suite 4105
Norcross, GA 30093
404-717-6860

Covers:
AL, AR, FL, GA, LA, MS, OK, SC, TN, TX

Consumers requiring product information of operating assistance with a consumer product should contact:

CONSUMER AFFAIRS DEPARTMENT 2F-3
50 Meadowland Parkway, Secaucus, N.J. 07094 (201) 348-9090

Service in Puerto Rico

MATSUSHITA ELECTRIC OF PUERTO RICO, INC.
Panasonic Sales Company/Factory Servicenter
San Gabriel Industrial Park,-65th Infantry Avenue KM 9.5
Carolina, Puerto Rico 00630
(809) 750-5135

Your product is designed and manufactured to ensure a minimum of maintenance. However, should your unit ever require service, a nationwide system of FACTORY SERVICENTERS and AUTHORIZED INDEPENDENT SERVICENTERS is maintained to support your product's warranty.

Service in the U.S.A....Factory Servicenters

MATSUSHITA SERVICES COMPANY
Division of Matsushita Electric Corporation of America
50 Meadowland Parkway, Secaucus, New Jersey 07094

ALABAMA
2523-6th Avenue, South
Birmingham, AL 35233
205-252-4195

CALIFORNIA
6550 Katella Avenue
Cypress, CA 90630
714-373-7426
930 South Mt. Vernon Ave
Suite 200
Colton, CA 92324
714-825-3110
800 Dubuque Avenue
So. San Francisco,
CA 94080
415-871-8373
20201 Sherman Way
Suite 102
Canoga Park, CA 91306
818-709-1775
3878 Ruffin Rd., Suite A
San Diego, CA 92123
619-560-8200

COLORADO
1640 South Abilene
Suite D
Aurora, CO 80012
303-752-2024

FLORIDA
4115 W. Kennedy Boulevard
Tampa, FL 33609
813-289-9726

GEORGIA
4245 International Blvd
Suite C
Norcross, GA 30093
404-717-6860

HAWAII
99-859 Iwaena Street,
Aiea, HI 96701
808-488-1996

ILLINOIS
425 E. Algonquin Road
Arlington Heights, IL 60005
708-981-4840

MARYLAND
Sulphur Spring Business
Park,
1638 Sulphur Spring Road,
Baltimore, MD 21227
301-242-2607

MASSACHUSETTS
383 University Avenue
Westwood, MA 02090
617-329-4280

MICHIGAN
6760 Hail Road
Retail Heights Plaza
Sterling Heights, MI 48314
313-739-1300

MINNESOTA
7650-12th Avenue, South
Airport Business Center,
Bloomington, MN 55425
612-854-8824

MISSOURI
13711 Rider Trail North
Earth City, MO 63045
314-739-5301

OHIO
1196 W. Kemper RD
Cincinnati, OH 45240
513-851-4180

PENNSYLVANIA
2250 Cabot Blvd. West
Langhorne, PA 19047
215-741-0661
Campbell's Run
Business Center
500 Business Center Drive
Pittsburgh, PA 15205
412-788-2174

TENNESSEE
919-8th Avenue, South
Nashville, TN 37203
615-244-4434

TEXAS
7420 Harwin Drive
Houston, TX 77036
713-781-1528
4500 Amon Carter Blvd
Fort Worth, TX 76155
817-685-1060

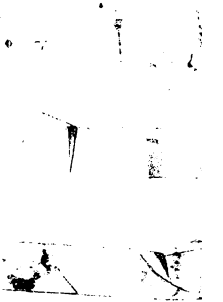
WASHINGTON
20425-84th Ave. South
Kent, WA 98032
206-872-7922

Panasonic Telephone Products Limited Warranty

Panasonic Company or Panasonic Sales Company (collectively referred to as "Panasonic") will repair this product with new or rebuilt parts, free of charge, in the U.S.A. or Puerto Rico for one (1) year from the date of original purchase in the event of a defect in material or workmanship. Carry-in or mail-in service in the U.S.A. can be obtained during the warranty period from a Matsushita Services Company (MSC) Factory Servicenter listed in the Servicenter Directory. Or call 1-800-545-2672, toll free, to locate an authorized MSC Servicenter.
Carry-in or mail-in service in Puerto Rico can be obtained during the warranty period by calling the telephone numbers listed in the Servicenter Directory. This warranty is extended only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty performance is rendered. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. It does not cover damage which occurs in shipment or failures which are caused by products not supplied by Panasonic or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, modification, or commercial use of the product, or service by anyone other than an MSC Factory Servicenter or authorized MSC Servicenter, or damage that is attributable to acts of God.

Limits and Exclusions

There are no express warranties except as listed above.
PANASONIC SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.
Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you.
This warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Consumer Affairs Division at the company address indicated in the Servicenter Directory.



Panasonic Company
Division of Matsushita Electric Corporation of America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Sales Company ("PSC"),
Division of Matsushita Electric of Puerto Rico, Inc.
San Gabriel Industrial Park, 65th Infantry Avenue, KM 9.5, Carolina, P.R. 00630

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